Broadcast Tools 2X6 Stereo DA

The Broadcast Tools tinyTools 2x6 stereo distribution amplifier is equipped with a stereo line level high-Z input, which accepts a balanced or unbalanced source with six active balanced low-Z output amplifiers. Individual level controls.

2X6DA List $199.00 **$169.00**

Aphex 1x4 Distribution Amplifier

The Aphex 120A is a high-performance 1x4 audio distribution amp. It features one high impedance input and four low impedance outputs, all electronically servo-balanced; half-rack steel chassis; THD < .002% @ +4 dBm; hum and noise better than 90 dB down.

120A List $379.00 **$329.00**

Henry Engineering U.S.D.A Summing Distribution Amp

The U.S.D.A. can be used as a 1X4 or 2X4 DA, or to combine a stereo input to a mono output. Two inputs (one stereo pair) accept balanced/unbalanced sources; four 600 ohm balanced outs (two stereo pairs); mono/stereo switches; euroblocks.

USDA List $225.00 **$179.00**

Accessories:
RMA Rackmount kit for 1-3 units **$55.00**

Henry Engineering AES/EBU-to-S/PDIF Distribution Amp

The Digimatch 2x6 is an AES/EBU-to-S/PDIF interface and distribution amp for digital audio signals. It has one AES/EBU input and three AES/EBU outputs, plus one S/PDIF input and three S/PDIF outs.

DIGIMATCH2X6 List $350.00 **$289.00**

Accessories:
RMA Rackmount kit for 1-3 units **$55.00**

Drawmer KickBox 4x4 Portable Active Splitter

The Drawmer KickBox 4x4 is a versatile 4 in/16 out mic/line signal splitter. Its extremely high audio quality, robust build and portability make it the ideal tool to provide multiple outputs for any situation where distribution of high quality audio is required. It incorporates 4 studio grade mic/line pre-amps, each providing up to 66dB of gain and 16 balanced output stages, each with the option of transformer isolation and comprehensive linking facilities. The 4x4 is supplied as standard in a road proof case with a removable lid for unhindered access to all controls and connections.

KICKBOX List $1,295.00 **Call BSW For Lowest Price: 800-426-8434**

Radix DA1600 2x8 or 1x16 Distribution Amplifier

A top seller at BSW, the Radix DA1600 is a heavy-duty distribution amp with 8 stereo or 16 mono balanced outputs. Level control and selectable pads accommodate a wide range of input levels. Features: removable, plug-in connectors that allow wiring changes to be made quickly and effortlessly with the distribution amp still in the rack; THD .01% max @ +20 dBm out, SNR 90 dB.

DA1600 List $520.00 **$369.99**

Rolls RA63S 1X8/2X4 Distribution Amplifier

The Rolls RA63s is an 8-channel mono/4-channel stereo distribution amplifier. The outputs are designed to drive high-level balanced lines in a sound distribution system. The screw terminals on the rear panel are for input and output, and each output may power more than one line. Input impedance: 100 K ohms balanced ; max input level: +22 dBV, Output impedance: 50 ohms balanced; max output level: +24 dB.

RA63 List $188.00 **$144.95**

Rane DA216S 2x16 Distribution Amplifier

The DA216S is a 2-input, 16-output splitter/distribution amplifier, capable of providing 16 discrete balanced outputs from one or two balanced mic level or line level inputs. The level of each output is individually adjusted via one of the sixteen level controls. Each output may be assigned to either or both inputs via accessible slide switches. The Master A and B Level controls affect the overall level of each input. LEDs indicate an overload at either the inputs or at the internal gain stages. Input gain switches provide a mic input with +60 or +40 dB of gain, or a line input with +20 or 0 dB. Euroblock connectors, and an internal universal power supply.

DA216S List $519.00 **$415.00**

Audioarts SDA8400 2x8 (Stereo) Distribution Amplifier

The Audioarts SDA-8400 is a 2x8 rackmount distribution amplifier. Features: LED status lights for all input and output channels; extremely flat frequency response; separate 3-conductor connectors for each input and output.

SDA8400 List $540.00 **$429.99**

Symetrix 581E 4x16 Distribution Amplifier

The 581E is a high-quality 4-input/16-output distribution amp. Each 1-input, 4-output module operates independently. Simple rewiring creates 2x8 and 1x16 configurations. Features: removable Phoenix-type connectors for easy installation; precision circuitry yields THD + noise less than .009%; LED input metering; level control on I/Os; internal power supply.

581E List $689.00 **$519.00**

ATI Distribution Amplifiers

The DA208 is a dual 1x4 DA and the DA416 is a quad 1x4 DA. Features: outputs are active balanced and individually adjustable; inputs can be paralleled on rear connectors for 1x8, 2x8 or 1x16 operation; barrier block input and output connectors. The DA208 and DA416 have clipping indicators. The DA208S version adds signal-present indicators to the DA208.

DA208 Dual 1x4 dist. amp barrier I/O, clipping indicators **$569.00**
DA208S Dual 1x4 dist. amp barrier I/O, signal indicators **$589.00**
DA416 Quad 1x4 distribution amp barrier I/O **$689.00**

ART PDB Passive Direct Box

The ART Passive Direct Box is a road-rugged DI for connection of the outputs of electronic musical instruments (or other audio sources) to the balanced inputs of mixer consoles and other balanced inputs. It also lets you connect a music source to an instrument amplifier while simultaneously patching it to a mixer.

FEATURES:
- **Ground lift – switchable**
- **Input attenuation – switchable (0dB, -20dB, -40dB)**
- **Instrument Input – 50k ohm**
- **Output jack – 600 Ohm XLR output jack ; Parallel link – jack 50k ohm**

PDB List $45.00 **$39.00**

Whirlwind IMP2 Passive Direct Box

Passive doesn't mean wimpy. Built rugged on the inside and outside, you'll find this direct box in pro systems everywhere. It converts a line or instrument level unbalanced signal to a low impedance mic level balanced signal quickly, efficiently and quietly. Features: 1/4" parallel wired in/out jacks, Ground Lift switch to help isolate hum and buzz, impedance ratio (input to output): 133:1.

IMP2 List $43.55 **$39.99**

Behringer DI100 Active Direct Box

With the DI100, hum and impedance problems are things of the past. Features: balanced XLR and unbalanced 1/4" input/output jacks; switchable input attenuation allows input levels of up to +50 dBu; Ground Lift isolates grounding circuit for hum elimination.

DI100 List $67.99 **$33.99**

Radial Engineering JDI MK3 Passive Direct Box

The Radial Engineering JDI MK3 is a passive DI featuring a Jensen isolation transformer for optimum audio performance. It offers excellent linearity at all frequencies, as well as superb level handling without introducing distortion. Being completely passive, the plug and play JDI MK3 does not require any powering and has the unique advantage of eliminating 60-cycle ground loops. The JDI MK3 is great for guitars, bass, and keyboards and excels with high-output, broadband instruments such as active instruments and digital keyboards.

JDIMK3 List $220.00 **$199.00**

Radial Engineering Passive Direct Boxes

The PRO-DI is a full-range single channel passive direct box equipped with custom-made audio transformers for exceptional signal handling without saturation and low phase distortion in the bass and mid regions. Its brilliant clarity and definition make it ideal for acoustic guitar, bass and keyboards— live or in the studio.

The Pro-AV1 is a passive direct box that sports a variety of stereo inputs that are merged via a resistive mixer to mono, simplifying signal management. It offers a 1/4" for instruments, RCA and 1/8" connectors for consumer electronics, and a +4 dB XLR input for pro systems. Its custom-wound transformers can withstand exceptionally hot levels while maintaining linearity from 20 Hz-18.5 kHz.

PRO-DI Passive direct box List $115.00 **$99.99**
PRO-AV1 Passive stereo direct box List $140.00 **$119.99**

Behringer MX882 8-Channel Splitter/Mixer

Behringer's ULTRALINK PRO MX882 is a unique and universal problem-solver. Its extensive routing possibilities, professional switching concept, XLR and 1/4" TRS connectors and generous LED displays make it extremely flexible. Whether as a splitter, a mixer or a level raiser, the ULTRALINK PRO guarantees ultimate reliability and the shortest possible signal paths. In a mix mode, mix the 6 mono inputs and the main stereo input to the main stereo output. Each mono channel additionally sports a pan pot for individual stereo imaging. Features include: 8-in, 2-out line mixer; 2-in, 8-out line splitter; usable as 6-in, 6-out level matching amplifier or DI box; usable as independent matching amplifier to convert between -10 dBV and +4 dBu; 6 mono and 2 main inputs and outputs; precise 4/8-segment LED level displays for each amplifier section; servo-balanced, gold-plated XLR and 1/4" TRS I/Os.

MX882 List $217.99 **$108.99**

Aphex 124A Level Matching Interface Amp

Easily interface consumer audio equipment to pro gear. Active, servo-balanced circuitry converts +4 dBm (or +8 dBm) line levels to -10 dBm (hi-fi) levels, and back again. XLR and RCA connectors on reverse.

124A List $279.00 **$249.00**

Accessories:
44008SA Rackmount kit **$49.00**

ART CleanBoxII Hum Eliminator

"Hum" in an audio system is often caused by loop effects which act like antennas. These loops can easily pick up a 60 Hz (or higher harmonics) hum transmitted by electrical wiring. Typically, these loops are connected via grounds, more commonly called "ground loops". A safe, effective way to eliminate unwanted noise is with the ART CleanBOX II. The CleanBOX II easily removes ground loops without any signal degradation.

CLEANBOXII List $65.00 **$49.00**

Rolls MB15B Level Matcher

The MB15 ProMatch converts consumer level stereo RCA signals to balanced XLR professional line level, and back. One side of the unit has two XLR inputs and stereo RCA outputs. The other side has stereo RCA inputs and two XLR outputs. Each side has stereo level controls.

MB15B List $90.00 **$64.95**

ART 8-Channel Transformer/Isolator

ART's Transformer Eight is a totally passive audio interface that uses eight transformers to separate input and output signal grounds, thereby isolating two systems and reducing hum and ground-loop noise. Balanced XLR, 1/4" phone, and RCA type phono connections on all inputs and outputs simultaneously. Perfect as an interface between your DAW and your monitor system, isolation on long cable runs, etc.

T8 List $189.00 **$149.00**

QUICK! I GOTTA CONNECT MY IPOD/ CD/LAPTOP/FLASH RECORDER/ TV CAMERA/CASSETTE DECK/WHATEVER!

MULTIPORT CONNECTS 'WHATEVER' TO YOUR STUDIO!

It happens all the time....someone rushes into your studio and wants to connect their whatever to your studio!

Is it pro gear or consumer? Analog or digital, AES or S/PDIF? Does it need XLRs, a 1/4" phone plug, a 3.5mm mini-plug, or a phono plug? Stereo or mono?

MultiPort to the rescue! It provides a central place to connect just about anything to your studio. Eliminate those converter boxes, adaptors, patch cords, or last-minute wires strung from the back of your rack.

Install a MultiPort in your studio, and eliminate one more hassle in your day. Whatever, indeed!

SIXMIX HANDLES A LOT OF 'WHATEVER', TOO!

SixMix is a compact broadcast console that's designed for REAL RADIO! And it has a built-in D/A and A/D digital audio codec with USB interface....just connect a USB cable to any laptop or PC, and you're on the air. SixMix is the "missing link" that turns your laptop or desktop PC into a self-contained, no-compromise professional broadcast studio. See it on **page 19** in THIS BSW Catalog!

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Henry Engineering Interface Amplifiers

Matchbox HD is a high-definition bi-directional level and impedance interface between unbalanced consumer RCA I/O and balanced pro XLR I/O.

MATCHBOX HD FEATURES:

- **Bi-directional stereo interface between -10 dBv unbalanced and +4 dBu balanced**
- **True signal-to-noise ratio of 100 dB, with 22 dB of headroom**
- **Total dynamic range of 122 dB**
- **Ideal for 24-bit sound cards and other digital audio sources**
- **Four independent amplifiers**
- **Built-in AC power supply, 1/3 rack width x 1RU**
- **Balanced XLR and unbalanced RCA I/O**

The Twinmatch is similar to the Matchbox, but provides unidirectional connection of two unbalanced stereo signals to professional balanced systems. Signal/noise is >80 dB typical.

MATCHBOXHD Bi-directional interface amplifier List $225.00 **$179.00**
TWINMATCH Unbalanced-to-balanced amplifier List $225.00 **$179.00**

Accessories:
RMA Rackmount kit for 1-3 units **$55.00**

MATCHBOXHD Back Panel

TWINMATCH Back Panel

Henry Engineering MultiPort
Multi-Format Audio Interface Panel

The MultiPort facilitates interface between a studio and external audio equipment, providing convenient access to a studio's analog and digital audio inputs and outputs, and allowing connection to both professional and consumer gear. It offers both balanced and unbalanced analog stereo Line outputs, plus two monaural balanced Mic outputs, and it accepts balanced or unbalanced analog stereo Line inputs. Digital I/O is transformer isolated, and can be via either the AES/EBU or S/PDIF standard. XLR, TRS, 3.5mm TRS and phono jacks are provided for interface. MultiPort also sports two "pass-through" connectors for convenient access to USB and RJ45 circuits. It can be mounted in studio cabinetry or rack-mounted using the included Rack Adaptor panels.

HENRY-MULTIPORT List $450.00 **$399.00**

Henry StereoSwitch II
3-Input Stereo Audio Switcher

The Henry StereoSwitch II is a handy 3-input audio switcher for remotely selecting between three stereo sources. It features front panel pushbuttons for local control, plus remote control via GPI. With no circuitry in the audio path, it offers transparent source selection. It can also be used in reverse, as a router, to send a source to one of three destinations.

STEREOSWITCHII List $275.00 **$219.00**

Accessories:
RMA Rackmount kit for 1-3 units **$55.00**

Henry Engineering PatchBox II
Stereo Output Multiplier

The PatchBox II is a passive "output multiplier" that can be used to distribute the output of a professional audio mixer to the inputs of peripheral equipment. It accepts both balanced and unbalanced sources. From a stereo source, PatchBox creates twelve stereo outputs: six balanced stereo and six unbalanced stereo output pairs. PatchBox balanced outputs, on XLR and 1/4" TRS connectors, provide a "unity gain" signal with a 600 ohm source impedance.

PATCHBOXII List $150.00 **$125.00**

Henry PowerSwitch
Failsafe AC Power Switcher

The Henry Engineering PowerSwitch is an automatic AC power controller that can be used to switch AC power between Main and Backup devices, or to simply turn AC power on or off. It provides an audible alarm, as well as remote status indication.

POWERSWITCH List $240.00 **$199.00**

Accessories:
RMA Rackmount kit for 1-3 units **$55.00**

Henry USB MatchBox II
Bi-Directional Interface Amp w/ USB

The Henry Engineering USB Matchbox II is a professional USB-to-XLR multi-mode stereo audio codec offering superb audio performance with the ease of USB connectivity. Ideal for any situation where computer audio needs to interface with a professional analog or digital audio system, the USB Matchbox II provides balanced analog inputs and outputs, an AES/EBU digital output, plus a headphone output for monitoring.

The heart of the USB Matchbox II is Burr Brown's new generation phase coherent Delta Sigma 8X Oversampled codec with SpAct audio clock recovery architecture. The codec's superb performance is further enhanced with proprietary L/C pre-filtering and analog circuitry, fine-tuned to eliminate the transient intermodulation products that plague the typical sound card. Front panel trimmers allow precise adjustment of input and output levels. Connections include XLRs and the AES/EBU digital output. A headphone output is included.

USBMATCHBOXII List $550.00 **$499.00**

Accessories:
RMA Rackmount kit for 1-3 units **$55.00**

Henry Auto Switch

This multi-purpose stereo audio switcher and silence sensor can be used to manually or automatically select between two stereo audio sources. It also features an Alarm relay output, plug in euroblock connectors and a built-in power supply.

AUTOSWITCH List $285.00 **$229.00**

Matrix Switchers

ACS 8.2 Plus Audio Control Switcher

The ACS 8.2 Plus provides matrix audio switching of 8 stereo inputs to 2 stereo plus 2 mono outputs. Any input assigned to output one has fading capabilities. Matrix switching allows any/or all inputs to be assigned to any/or all outputs. The ACS 8.2 Plus may be controlled via front panel switches, contact closures, 5-volt TTL/CMOS logic and/or the multi-drop RS-232 serial port (control via USB or Ethernet with optional devices). Installation is simplified with plug-in euroblock screw terminals.

ADMS 44.22 Analog / AES Digital Matrix Switcher

The ADMS 44.22 is an 8x2 stereo matrix switcher with four stereo analog and four stereo AES inputs, and two independent stereo analog and AES outputs in a 1-RU profile. Each input channel is equipped with an automatic level control circuit and a fully configurable 3-band equalizer. The ADMS 44.22 provides both word clock in and word clock out signals for synchronization to external digital equipment.

SS 4.4 Stereo Matrix Switcher

The SS 4.4 provides matrix audio switching of four stereo inputs to 4 stereo outputs. Matrix switching allows any/or all inputs to be assigned to any/or all outputs. The SS 4.4 may be controlled via front panel switches, contact closures and/or the multi-drop RS-232 serial port. Additional features include stereo silence sensor with relay, front panel stereo LED VU meters, stereo headphone jack with level control, powered monitor level control all with output selection switching, 16 GPI's, four GPO- open collectors and four SPST relays. Installation is simplified with pluggable euroblock screw terminals. The SS 4.4 is supplied in a 1-RU chassis.

SS 16.4 Stereo Matrix Switcher

The SS 16.4 provides matrix audio switching of 16 stereo inputs to 4 stereo plus 4 monaural outputs. Matrix switching allows any or all inputs to be assigned to any or all outputs. The SS 16.4 may be controlled via front panel switches, contact closures, 5-volt TTL/CMOS logic and/or the multi-drop RS-232 or RS-485 serial port. Installation is simplified with removable screw terminals (Euro).

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Broadcast Tools DAS8.4PLUS
8X4 Digital Audio Routing Switcher

The DAS 8.4 PLUS provides digital audio routing switching of any one of 8 AES inputs to 4 AES outputs. Routing switching allows any one input to be assigned to any/or all outputs. The DAS 8.4 may be controlled via front panel switches, contact closures, 5-volt TTL/CMOS logic and/or the multi-drop RS-232 serial port. This new 'PLUS' version adds VU meters to the front panel and allows easy VU meter selection to monitor any of the four outputs. The front panel is equipped with push buttons, output assignment LEDs and a headphone jack. Internal audio activity/silence sensors monitor all four-output channels. Each is equipped with front-panel ACT LED indicators; alarm delay and restore duration are adjustable. Additional features: 24-bit/96 kHz D/A converter with analog balanced stereo output, 16x16 GPIO port, screw terminals.

DAS8.4PLUS List $899.00 **Call BSW For Lowest Price: 800-426-8434**

16X1

SS8.1II

SS4.1III

Broadcast Tools Passive Audio Switchers

Broadcast Tools switchers offer local and remote control and status via contact closures and RS232 serial ports.

The **SS2.1BNCIII** offers passive switching/routing with two composite audio or AES/EBU inputs to two composite audio or AES/EBU outputs. Features: last selected source memory; BNC connectors; 1/3-rack size. Optional RA-1 rack shelf.

SS2.1TERMIII/SS4.1PLUS offer passive switching/routing with two stereo inputs to one stereo output or vice-versa (or four stereo inputs to one stereo output for the SS4.1+). Pluggable screw terminal connectors; 1/3-rack size.

SS8.1II passively switches or routes any one of 8 stereo inputs to a single stereo out. Features include front panel selection switches with LEDs; output muting and remote step input; last source selected memory; 8-input GPI port; 1/2-rack size mountable on optional rack shelf.

The **16X1** passively switches or routes any one of 16 stereo inputs to one stereo output or vice-versa. Connections are via removable screw terminals.

SS2.1BNCIII	2x2 composite switcher	List $209.00	**$189.00**
SS2.1TERMIII	2x1 stereo switcher	List $209.00	**$189.00**
SS4.1PLUS	4x1 stereo switcher	List $299.00	**$239.95**
SS8.1II	8x1 stereo switcher	List $449.00	**$389.00**
16X1	16x1 stereo switcher	List $709.00	**$589.00**

Accessories: **RA-1** rack mount shelf **$49.00**

Broadcast Tools ADMS44.22
Analog & Digital Matrix Switcher

This feature-packed matrix switcher sports four stereo AES and four stereo analog inputs along with two independent stereo analog and AES outputs in one rack space. Each input is equipped with a 3-band EQ, five types of filters, and a leveler function for maximum sonic flexibility. The ADMS 44.22 provides both word clock in and word clock out signals for synchronization to external digital equipment. Additionally, the four stereo AES inputs support high-quality real-time sample rate conversion for connection with asynchronous digital sources. Each output channel is equipped with an automatic level control circuit and parallel stereo analog and stereo AES outputs. The ADMS 44.22 can be controlled through RS-232 serial command. The ADMS 44.22 has four programmable relays and nine programmable open collector outputs for controlling external device, and can transmit unit status and GPI information to the controlling device for incorporation into broadcast automation systems. 16x16 GPIO port; USB port, expansion port.

ADMS44.22 List $1,299.00 **Call BSW For Lowest Price: 800-426-8434**

Broadcast Tools SS16.4
16x4 Active Stereo Matrix Switcher

The Broadcast Tools SS 16.4 provides true matrix audio switching of 16 stereo inputs to 4 stereo plus 4 monaural outputs, for incredibly versatile audio switching. Matrix switching allows any/or all inputs to be assigned to any/or all outputs. The SS 16.4 may be controlled via front panel switches, contact closures, 5-volt TTL/CMOS logic and/or the multi-drop RS-232 or RS-485 serial port. Installation is simplified with removable screw terminals (Euro).

SS16.4 FEATURES:
- **True matrix switching**
- **3 switching modes: interlock, overlap and mix**
- **Logic functions via microprocessor and non-volatile memory**
- **Internal audio activity/silence sensors monitor all four-output channels, and each is equipped with front panel "ACT" LED indicators**
- **Adjustable alarm delay and restore duration**
- **Power-up selection of inputs to outputs, mute or last source selected**
- **16 user-configurable macros; 24 input GPI port (PIP) with LED indicator**
- **16 open collector channel status outputs or programmable via burst commands**
- **8 SPST relay outputs, programmable via burst commands**
- **Balanced stereo inputs and stereo/mono outputs**
- **Multidrop RS-232 or RS-485 serial port with data activity LED**
- **Multiple units may be cascaded to expand input**

SS16.4 List $1,299.00 **Call BSW For Lowest Price: 800-426-8434**

Broadcast Tools SS4.4
4x4 Active Stereo Matrix Switcher

The Broadcast Tools SS 4.4 provides matrix audio switching of 4 stereo inputs to 4 stereo outputs. Matrix switching allows any/or all inputs to be assigned to any/or all outputs. The SS 4.4 may be controlled via front-panel switches, contact closures, 5-volt TTL/CMOS logic and/or the multi-drop RS-232 serial port. It provides a headphone monitoring jack.

SS4.4 FEATURES:
- **Three switching modes: interlock, overlap and mix**
- **4 open collector channel status outputs programmable via burst commands**
- **4 SPST relay outputs via burst commands, and 16 input GPI port with LED**
- **Multi-turn input and output level controls**
- **Balanced stereo inputs/outputs; depluggable screw (EURO) terminals**

SS4.4 List $529.00 **$469.00**

Broadcast Tools ACS8.2 PLUS
8X2 Active Stereo Matrix Switcher

The new ACS 8.2 PLUS cleanly provides matrix audio switching of 8 stereo inputs to 2 stereo plus 2 mono outputs. You can assign any or all inputs to any or all outputs, with any input assigned to output one having fading capabilities. It features connections plug-in Euroblock screw terminals for all audio and GPIO connections, and it conforms to the Studio Hub format. A front panel monitor selection switch lets you choose which stereo output the VU meter and headphone amplifier monitors. Truly flexible, the ACS 8.2 Plus can be controlled via front panel switches, contact closures, 5-volt TTL/CMOS logic, and/or the multi-drop RS-232 serial port.

ACS8.2PLUS List $899.00 **Call BSW For Lowest Price: 800-426-8434**

BSW Same Day Shipping:
Order by 7pm est & stock items ship the same day!

Titus Tech Digital Audio Switcher

The 3DRX AES digital audio switcher has two stereo digital and one stereo analog input (on XLRs) plus a stereo digital output. The 3DRX will automatically switch to the secondary digital input if the primary digital source fails (loss of lock, data error, etc.) and then switch to analog input if the two digital streams fail. Features: 32 kHz, 44.1 kHz or 48 kHz sample rates; local, remote or automatic control; up to 24 bit, 96 kHz stereo digital audio for all digital inputs and outputs.

3DRX List $1,250.00

Call BSW For Lowest Price: 800-426-8434

Broadcast Tools Silence Monitor

The Silence Monitor III PLUS is designed to monitor any stereo or two independent monaural sources, generate alarms and transparently switch to back-up source equipment when silence is detected. Now with LED indicators for left/right audio, audio and external alarms, power and more.

FEATURES:

- **Front-panel/remote control and relay monitoring**
- **Removable screw terminals**
- **Built-in stereo/monaural program switcher**
- **Precise time delay from 2 seconds to 93 minutes**
- **Precise restore timing delay from off to 46 minutes**
- **Relays for remote functions**
- **Selection of detection of -23, -25, -35 and -45 dB**

SMIIIPLUS List $279.00 **$249.00**

Broadcast Tools Digital Monitor Switcher

The Digital Monitor Switcher III is designed to switch two AES signal sources. It's the digital answer to an analog silence sensor/switcher. Features: switch to backup source can be triggered by loss of clock, digital error flags, external switch contact and/or the internal analog silence sensor; headphone jack, balanced stereo monitor output; remote control; removable screw terminals.

DMSIII List $499.00 **$429.00**

Accessories:

RA-1 Rackmount shelf **$49.00**

Broadcast Tools 4-In/16-Out Digital Audio System

The RDDA 4x4 is capable of distributing the same format AES and/or Word Clock around your facility. Each input may be configured to feed any one or all of the four groups of 4 transformer-balanced outputs. Inputs, outputs and status are supplied on removable Euro block connectors. Powered by a surge-protected internal power supply, its half-rack profile lets it sit on a desktop, be mounted on a wall or rackmounted on the optional RA-1 rack shelf.

RDDA4X4 List $319.00 **$279.00**

Accessories:

RA-1 Rackmount shelf **$49.00**

Broadcast Tools Silence Sentinel Basic

Silence Sentinel Basic is a stereo or dual monaural silence sensor (loss of audio detector). It offers no input audio switching.

SILENCE-SENTINEL-BASIC List $169.00 **$145.00**

FPALC1

FPBUC2

RDL Flat-Pak Audio Interfaces

RDL Flat-Paks are higher-quality modules for your most demanding audio applications. The unique Flat-Pak case can be directly screwed or bolted to cabinets or easily racked to the back of a specially-made RDL rack rail adaptor (looks like a blank front panel with room for up to three Flat-Paks on the back side, #FPRRA). Each unit dimensions 3.25"H x 5.75"W and typically less than 1.5" deep. Each of these products require the 24V power supply sold separately (#PS24A). For specs on each product go to www.bswusa.com.

The **FPALC1** is a single-channel (mono) automatic level control featuring detachable terminal block input and output. The gain adjustment is set as high as possible with the loudest source without the Input Overload indicator flashing. Common applications include paging outputs from telephone systems, music-on-hold feeds for telephone systems, background or foreground amplifier inputs in sound systems and more. The **FPALC2** is a two-channel (stereo) module featuring phono jack inputs and outputs.

The **FPMP1** microphone preamp uses RDL's exclusive low noise discrete circuitry to produce studio quality, low-noise performance in an economical preamp. The XLR and plug-in terminal block connections make the FPMP1 perfect for both hardwired installations and remote use with standard audio cables. Select phantom power 24V, 12V or Phantom Off. The **FPMPA2** is a dual mic preamp each with its own XLR I/O. Choose 12, 24 and 48V phantom power.

The **FPMX4** is a single channel audio mixing module featuring four identical inputs. Each input accepts either a mic or line level source. The output section provides four mixing potentiometers corresponding to the four inputs, and a level indicator. The output section provides both a balanced line (+4 dBu) and balanced microphone level (-45 dBu) output. Both outputs may be used at the same time.

The **FPPA20** is a 20-watt power amplifier with adjustable gain control and an output for 8 ohm speaker.

The **FPBUC2** converts two channels from balanced to unbalanced audio. This module features two identical active (transformerless) channels. Gold contact XLR jacks are utilized for the balanced input channels. Each output is unbalanced, connected through a gold-plated phono jack. A level trim potentiometer is provided for each channel. The **FPUBC2** is a two-channel unbalanced-to-balanced converter. The **FPUBC6** is a six-channel unbalanced-to-balanced converter.

FPALC1	Automatic level control, mono, terminals	List $278.52	**$219.95**
FPALC2	Automatic level control, stereo, phono jacks	List $309.08	**$239.95**
FPMP1	Mic preamp with phantom – terminals & XLR	List $278.52	**$219.95**
FPMPA2	Dual mic phantom adaptor – 12, 24, 48V, XLR	List $272.64	**$219.95**
FPMX4	4 mic or line input mixer – mic and line out	List $432.48	**$299.00**
FPPA20	Power amplifier – 20 watts into 8 ohms	List $182.30	**$149.95**
FPBUC2	Balanced-to-unbalanced converter – 2-chnl	List $218.57	**$169.95**
FPUBC2	Unbalanced-to-balanced converter – 2 chnl	List $218.57	**$169.95**
FPUBC6	Unbalanced-to-balanced converter – 6 chnl	List $472.43	**$345.00**

Accessories:

PS24A	24V power supply	**$24.95**
FPRRA	RDL Flat-Pak series rack rail adaptor	**$60.79**

Dorrough 40-A2 Loudness Meter

The Dorrough 40A2 displays both the peak and average of the audio signal. The unique metering ballistics accurately present loudness variations on an easy-to-read scale. Dual inputs allow sum and difference metering. Peak Hold functions are standard along with a DB9 connector to access various over and under parameters. The 40A2 has a scale showing 14 dB headroom in 1dB steps from +14 to -25. The 40A2 can be rackmounted in a dual-channel configuration with the 40D rack kit. The 40C2 has a scale allowing for 20dB of headroom in 1dB steps. The headroom scale is identical to the AES/EBU Digital Standard.

40A2	Single meter, 14 dB headroom	List $475.00	**$449.99**
40C2	Single meter, 20 dB headroom	List $475.00	**$449.00**

Accessories:

40D Rackmount for two meters **$44.95**

Broadcast Tools Status Sentinel

The Status Sentinel™ is a robust, full-featured; Ethernet based data acquisition device with three optically isolated status (digital) inputs. The Status Sentinel™ may be monitored over any IP network including private networks, IP-based industrial control networks, and the Internet using web browser or web-enabled mobile device, while email notification may be configured to alert up to four recipients when alarms are detected. The user may also enable a sound effect to play when an alarm is generated. Logging of input status, along with the site ID may be emailed from once an hour to once a day. The Status Sentinel 16 gives you 16 status inputs.

STATUSSENTINEL	List $169.00	**$149.00**
STATUSSENTINEL16	List $199.00	**$239.00**

Broadcast Tools SRC-2 Serial Remote Controls

The tinyTOOLS SRC-2 interfaces two optically isolated inputs and two SPST relays to a RS-232 or USB port. It can notify a PC software program that any of two inputs have been opened or closed and allows your software to control two SPST, 1-amp relays. The SRC-2X interfaces via Ethernet.

SRC2	List $139.00	**$129.00**
SRC2X	List $209.00	**$199.00**

Broadcast Tools Time Sync Plus

The Time Sync Plus provides four GPS time referenced outputs. The first is an SPST relay, which pulses at 12:00, 22:00, 42:00, and 54:30 and is user-programmable in each of four locations for any minute and second. The second is an active high driver with a 100 ms pulse each second, while the third is a 4800-baud, RS-232 serial port providing a time zone adjustable time code. The forth provides an active high driver in the ESE TC-90 serial time code format.

TIMESYNCPLUS	List $399.00	**$369.00**

Broadcast Tools Relay Sentinel

For many applications, the Relay Sentinel is the easiest and least expensive way to remotely control equipment over the Internet using a web browser. It has three low-signal SPDT relays that can individually switch up to 1 Amp at 28V. Each relay can be turned on, off, pulsed or timed latched using the built in web pages. In addition, each relay can be configured to open and close remotely when used with the Status Sentinel. The Relay Sentinel 16 gives you 16 relay inputs.

RELAYSENTINEL	List $169.00	**$149.00**
RELAYSENTINEL16	List $199.00	**$279.00**

Broadcast Tools 4-Input Stereo Utility Mixer

The SUM-4 features four line level high-Z inputs, which accept a balanced or unbalanced source; stereo and monaural balanced low-Z outputs; individual level controls; stereo mixing/link port for input expansion.

SUM4	List $199.00	**$169.00**

Broadcast Tools DTMF Tone Encoder/ Decoder

The tinyTOOLS DTE16 by Broadcast Tools is a feature-rich DTMF tone/sequence encoder that is programmable to encode up to four tone sequences or a single tone via any one of 16 contact closure inputs and/or the RS-232 serial port. The DTD16 is a DTMF decoder.

DTE16	DTMF encoder	List $199.00	**$169.00**
DTD16	DTMF decoder	List $199.00	**$169.00**

Broadcast Tools tinyTOOLS Rack Shelf

The RA-1 fits up to four tinyTool products. It comes supplied with filler panels and mounting hardware.

RA-1	tinyTools rack shelf	List $55.00	**$49.00**

Broadcast Tools Audio Sentinel Silence Monitor

This web based dual channel stereo silence monitor monitors two independent stereo analog audio sources and switches to a back-up analog audio source when silence is detected. The Audio Sentinel can be controlled and/or visually monitored over the Internet using a web browser. Email alarms may be generated.

AUDIOSENTINEL		List $459.00	**$249.00**

Broadcast Tools Auto Answer Coupler

Get high-quality conversations and interviews from your telephone. The TT-1 is a compact auto-answer and auto-disconnect telephone hybrid. A multi-turn hybrid NULL trimmer achieves 20+ dB separation. The rear panel is equipped with a RJ-11 jack for the telephone line. A minijack (3.5mm) and screw terminals are provided for balanced send and caller audio.

TT1		List $139.00	**$129.00**

Broadcast Devices CTD-300 Composite To AES Converter

The CTD-300 is the answer to bridging the gap between the analog world and the new digital world of audio. The CTD-300 can convert any base band FM stereo waveform into a pair of AES3 outputs suitable for digital input exciters and other equipment. The unit accepts a standard 3.5 V peak to peak base band signal for decoding to left and right and conversion to AES3 output. The unit can be configured to output de emphasized left and right analog audio too. By simple jumper selection the CTD-300 can be quickly configured to provide AES3 or analog left/right outputs.75 or 50 uS de emphasis is provided or the unit can be configured to pass 75 or 50 uS pre emphasis if the application requires it.

The CTD-300 is factory set to accept the standard 3.5 V peak to peak signal from an analog STL or stereo generator. Base band level adjust is provided along with left/right level controls. The CTD-300 is the perfect solution to converting analog base band into a suitable output for digital input equipment. Whether your application is for the new digital broadcasting standard or you just need to get a signal from one site to another, the CTD-300 is a high quality, affordable solution. The CTD-300 can also be used as a high quality monitor decoder for studio applications. Simply connect an output from your base band modulation monitor and you now have a pair of AES3 outputs of your off air signal. Of course you can choose left/right analog too.

CTD-300		List $995.00	**Call BSW For Lowest Price: 800-426-8434**

Broadcast Devices Audio Toolbox 300 Series Switching and Routing Devices

ATB300-3

The Broadcast Devices ATB-300 is a rack-mounted solution to switching and routing in the digital or analog domain. The ATB-300 can be ordered in ten different configurations allowing you to tailor exactly to your needs.

ATB300-1	4 AES I/O	List $1,995.00	
ATB300-2	4 AES I/O, 4 Analog L/R Balanced Input	List $2,495.00	
ATB300-3	4 AES I/O, 4 Analog L/R Balanced Out	List $2,495.00	
ATB300-4	Analog Only L/R Balanced I/O	List $2,495.00	
ATB300-5	4 AES I/O, 4 Analog L/R Balanced I/O	List $2,995.00	
ATB300-6	4 AES I/O, 4 Analog L/R Balanced I/O	List $2,495.00	**Call BSW For Lowest Price: 800-426-8434**
ATB300-7	8 Analog Input. 4 Analog Output	List $2,995.00	
ATB300-8	8 Analog I/O	List $3,295.00	
ATB300-9	4 Composite I/O, 4 AES I/O	List $2,795.00	
ATB300-10	4 Composite I/O, 4 Analog I/O	List $3,495.00	

Radio Design Labs HR Series
Digital Audio Conversion, Switching, Distribution

Radio Design Labs' HR series offers high quality digital audio conversion, selection and distribution at up to 24-bit/192 kHz with plenty of I/O flexibility.

The **HR-ADC1** is a broadcast quality A/D converter that provides exceptional audio accuracy and clarity, offering very low distortion, exceedingly low noise and extremely flat frequency response. It also boasts unparalleled metering flexibility and programmability with average mastering level monitoring and peak value storage. It accepts balanced or unbalanced stereo audio through rear panel XLR or RCA jacks or through a detachable terminal block. An external AES/EBU, AES-3ID or S/PDIF sync source can be connected through a rear panel XLR, RCA or BNC jack. Digital audio outputs are provided in AES/EBU, AES-3ID or S/PDIF formats. The rear panel switch-selected output format is available on the corresponding XLR, RCA or BNC jack.

The **HR-DAC1** D/A converter delivers high quality analog audio from an AES/EBU, AES-3ID or S/PDIF digital audio source. It automatically detects a valid input on any of its four input jacks: S/PDIF optical, S/PDIF coaxial, AES-3ID or AES/EBU. A front-panel LOCK LED indicates the presence of a valid digital audio source without any phase-lock or bit errors. Balanced audio outputs are provided on a rear panel detachable terminal block and on XLR jacks. Unbalanced outputs are provided on phono jacks.

The **HR-DDA4** 1x4 digital audio distributor offers high quality distribution of a digital audio signal. The input and each of the four outputs support AES/EBU, S/PDIF or AES-3ID formats. It automatically detects a valid input on any of the four input jacks: S/PDIF optical, S/PDIF coaxial, AES-3ID or AES/EBU. The input is decoded, re-clocked and retransmitted to four individually buffered outputs. Front-panel LEDs display the digital audio format and sample rate of a valid source received without any phase-lock or bit errors.

The **HR-DSX4** 4x1 digital audio selector provides solid-state switching to select one of four inputs. Each input may be fed through one of three jacks: S/PDIF optical, S/PDIF (or AES-3ID) coaxial or AES/EBU. The output is switch-selectable to provide an AES/EBU, S/PDIF coaxial, S/PDIF optical or AES-3ID output. The switch enables the appropriate output jack and any required electrical and data format conversion. Proprietary Sure-Lok auto recovery supervision monitors possible causes of latch-up and reinitiates signal lock to provide highly stable operation in the variety of conditions encountered in professional environments.

The **HR-UDC1** converts digital audio signals between consumer and professional formats. The input and output support AES/EBU, S/PDIF and AES-3ID formats. It automatically detects a valid input on any of the four input jacks: S/PDIF optical, S/PDIF coaxial, AES-3ID or AES/EBU. The input is decoded, re-clocked and retransmitted to the output. All pro/consumer, emphasis, and sampling frequency bits common to both S/PDIF and AES/EBU standards are inserted in the output data stream.

HR-ADC1	A/D converter	List $770.00	**$539.00**
HR-DAC1	D/A converter	List $591.02	**$419.00**
HR-DDA4	digital audio distributor	List $787.59	**$549.00**
HR-DSX4	digital audio selector	List $821.46	**$575.00**
HR-UDC1	universal digital audio converter	List $607.87	**$419.00**

RDL Radio Design Labs

The digital audio product suite developed and perfected in an audiophile listening lab.

192kHz

D to A Converter

A to D Converter

4x1 Digital Audio Switcher

Universal Digital Audio Converter

1x4 Digital Audio DA

Made in the USA

www.rdlnet.com

RDL Radio Design Labs

Radio Design Labs Solutions

RDL is the world's premier manufacturer of Application-Specific Modules, a concept which has attained proven success in thousands of facilities around the world. Application-Specific Modules perform a particular electronic function or do a specific job. Certain modules mix, others preamplify or amplify, others detect, others control, and others distribute. The advantages of designing with RDL modules are versatility, performance and value: Modules can be mounted into your system right where their function is optimum, small-size circuits engineered for optimum performance produce lower noise, and you only pay for the functions you need. Each model can be rackmounted in optional rack kits and all active models require a power supply sold separately. Start using RDL today. BSW carries hundreds of models…many more than we can show here on this page. Give us a call.

Level Matching Interface

This compact unit offers outstanding audio performance and flexibility. The RU-LA2D is a bi-directional impedance matching device for conversion from +4 balanced to -10 unbalanced equipment and vice-versa with XLR, RCA and barrier block connections.

RULA2D List $347.85 **$249.00**

RDL 1x4 Audio Distribution Amplifier

The RU-MLD4 is a four-channel audio distribution amplifier. The input and all four outputs may be connected through the front-panel XLR jacks or on the rear panel detachable terminal blocks. The input accepts either a balanced microphone or line level signal. Each of the four outputs provides either a microphone or line level signal. Both the front-panel XLR connectors and the rear-panel terminals are active at all times. The RU-MLD4 may be rack-mounted with the XLR jacks facing forward.

RUMLD4 List $327.08 **$229.00**

RDL 2-Channel Mic/Line Preamplifier

The RU-MLA2 dual mic/line level preamp offers independent front-panel XLR input/output jacks; detachable input/output terminal blocks; switch-selectable mic or line inputs; mic gain and phantom gain trim controls.

RUMLA2 List $327.08 **$229.00**

RDL Dual 1x4 Unbalanced Distribution Amplifier

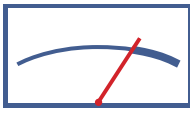
The RU-UDA4 distribution amp features dual 1x4 amplifiers; two channels, each with a single input to 4 outputs; inputs and outputs are unbalanced -10 dBv with RCA connectors; unity gain is maintained on both channels.

RUUDA4 List $213.88 **$165.59**

Dual Channel Audio Meter

The RU-SM16 offers precise audio level metering. Features: 16 segment display for 2 audio channels; selectable peak or average metering; peak L+R/L-R metering; 1/3 rack width.

RUSM16 List $287.92 **$222.89**



It's BSW for the Best Selection & Lowest Prices

RDL Dual 1x4 Balanced Distribution Amplifier

The RU-DA4D is a dual 1x4 amplifier, with two independent channels with one input to 4 outputs; can be configured for 8 mono outputs from single source; balanced or unbalanced I/O via barrier strip connectors; and screwdriver level controls.

RUDA4D List $311.44 **$229.00**

4-Channel Mic/Line Mixer

This compact, 4-channel mixer is only 1/3 rack space wide. Features: four balanced/unbalanced main inputs (4-mic/line via XLR or RCA); a mix input for combining multiple mixers; balanced mic or line output, plus unbalanced line output; LED VU meter; 24V phantom power for each mic input; built-in switchable soft-knee compressor.

RUMX4 List $399.56 **$289.00**

Balanced Audio Switch

The RU-SX4 is a mono 4x1 audio switcher for either local or remote control. It features 4 line level bridging inputs to a single line level output; front panel multi-turn trims; solid state audio switching; multiple switching control points; remote source selection via normally open momentary switch; front-panel LED indicators show selected source.

RUSX4A List $336.11 **$229.00**

Complete your purchase with a power supply and rack shelf

The PS24A is a 24-volt power supply for RDL products.
The RURA3 allows mounting of three 1/3-rack RDL products in a single rack space.

PS24A List $28.17 **$24.95**
RURA3 List $41.13 **$37.19**

RDL STICK-ON Series Audio Interfaces

Radio Design Labs Stick-Ons are compact, high-quality audio interface devices that can be directly and discreetly mounted on equipment, under counter tops, or combined in rackmount systems. Active units require a 24-volt power supply such as the PS24A (sold separately). Go online under each model, plus see additional models.

STDA3	1x3 line level distribution amp	List $173.93	**$134.69**
STMDA3	1x3 mic level distribution amp	List $170.42	**$131.99**
STD10K	10K ohm divider/combiner	List $68.40	**$57.09**
STD150	150 ohm divider/combiner	List $68.40	**$57.09**
STD600	600 ohm divider/combiner	List $68.40	**$57.09**
STRX2	1x2 audio routing switcher	List $131.62	**$109.79**
STSX4	4x1 audio switcher	List $128.10	**$106.89**
STMX2	2-channel mic/line mixer	List $168.05	**$130.19**
STMX3	Line level mixer	List $155.13	**$129.39**
STA1	Interface amplifier	List $182.16	**$141.09**
STA1M	Audio line amplifier	List $133.98	**$111.79**
STA2A	Line amplifier	List $192.74	**$149.29**
STUBA2	2 ch. unbal to bal convertor	List $189.22	**$146.49**
STM2	Microphone preamplifier	List $177.46	**$137.39**
STPA2	2-watt utility power amplifier	List $85.80	**$71.59**
STPA6	6-watt utility power amplifier	List $119.87	**$99.99**
STGCA3	Audio gain control amplifier	List $158.69	**$122.89**
STP1	Dual attenuator (passive)	List $75.20	**$62.79**
STVP1	Voice-over module	List $170.42	**$131.99**
STPH1	Stereo phone preamp	List $170.42	**$131.99**
STACR2	Audio control relay	List $122.22	**$101.99**
STLCR1	Non-latch logic control relay	List $94.02	**$78.49**

Accessories:

STR19A	12-unit rackmount kit	List $166.88	**$129.29**
PS24A	24-volt power supply	List $28.17	**$24.95**
STPD5	Power 5 units from one supply	List $85.80	**$71.59**

NTI Handheld MR Series Audio Generators and Audio Analyzer

The MR-PRO is a powerful analog audio generator that gives you a full range of analog test signals, including Sine waveforms, sweep signals, white noise, pink noise and more. With its rotary settings wheel, fast access function keys, a backlit LCD, illuminated mute button, safety hand strap, jack for external DC power supply and a USB interface for firmware updates, it delivers versatile, efficient performance every time. Measurement functions include continuous monitoring of the impedance, signal balance and phantom power of a connected load, and it also functions as a cable analyzer when needed.

The NTI Minilyzer ML1 analyzer continuously measures the audio signal and displays the results on an illuminated high-resolution graphical LC-Display. Optional MiniLINK USB interface and software (sold separately) allows data acquisition onto a PC. Measures: Level RMS, relative; sound pressure level; distortion analyzer (THD+N), k2 - k5 harmonics; VU & PPM meter; speaker polarity test (for all speaker types); signal balance error; 1/3rd octave spectrum RMS & SPL; and Scope.

MR-PRO List $760.00 **$669.00**
ML1 List $720.60 **$619.00**

Accessories:
MINILINK USB Link/PC Software for ML1 **$365.00**
MR1POUCH Soft pouch with belt clip **$29.95**
MR1CASE Compact carrying case **$89.00**

MR-PRO *ML1*

Rolls CS1000 Cable Tester

The Rolls CS1000 tests ten cable types including banana, balanced/unbalanced 1/4" and 1/8", RCA, Neutrik Speakon, XLR female, XLR male, MIDI (7 or 5 pin DIN), RJ11 (telephone), and RJ45 (Ethernet and CAT-5), with LED indicators. In addition, the CS1000 features a 1 kHz test tone oscillator and checks phantom power voltage and polarity (signals present).

CS1000 List $160.00 **$149.00**

Behringer Cable Tester

The affordable Behringer CT100 tester accepts XLR, mono and TRS phone (1/4", 1/8", TT), RCA and MIDI. The LED display shows which input pin is connected to which output pin. Separate LEDs indicate proper shield connection and phantom power presence. The CT100 requires insertion of only one plug and indicates shorts and opens, as well a continuity check. Includes test tone generator.

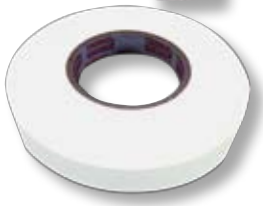
CT100 **$21.99**

Galaxy Audio SPL Meter

The CM140 is a sound pressure level meter using a built-in electret condenser microphone. It features a digital display with max/min function, level range display, AC signal output, and a resolution of 0.1 dB. The CM140 has a dynamic range of 50 dB and a frequency range 31.5 Hz-8 kHz. Runs on 9v battery. Classified as IEC 651 Type II, ANSI S1.4 Type II.

CM140 List $179.99 **$129.99**

Console Tape



Knowing who's who while recording them is always a good thing. So is not having ugly residue on your channel strips. This is what you need. Low tack. Bright white. Write on it, and peel it off with no side-effects when you're done. White, 1" wide.

CONSOLETAPE **$7.99**

Hosa Gaffer's Tape

On every gaffer's wish list: high quality 2-inch wide tape in a 180-foot roll. Available in white, black and yellow.

GFT-447WH white **$18.95**
GFT-447BK black **$18.95**
GFT-447YE yellow **$18.95**

Phonic Audio Analyzer

The Phonic PAA3 is a handheld audio analyzer with 31-band real time spectrum analysis, SPL and Line meter, internal noise generator, EQ setting program, microphone calibration and the ability to check speaker phase. All functions can be accessed through a central jog dial. The PAA3 connects instantly to any desktop or laptop computer via USB port for easy upload and download of information.

PAA3 List $719.99 **$499.99**

Whirlwind Cable Testers

With the Qbox, send a tone or signal over any XLR line. This battery-powered unit has a mic, speaker, test tone generator, headphone jack, a 1/4" jack for line in and LEDs for confirming phantom power.
The Tester provides cable testing with XLR, 1/4" and phono plugs.

QBOX List $195.02 **$179.00**
TESTER List $78.93 **$69.00**

Ebtech Swizz Army Cable Tester

With a connection set that includes XLR, 1/4", RCA, 1/8", TT and MIDI, the Swizz Army can be used to tell the exact wiring of any cable or adaptor. It also features test tone generation, phantom power detect and grounded XLR shield detect.

SWIZZARMY List $199.00 **$98.99**

Caig DeoxIT Deoxodizing Solution

5% spray DeoxIT contains a fast-acting deoxidizing solution designed for use as a general treatment for connectors, contacts, and other metal surfaces. More than a contact cleaner, DeoxIT chemically improves electrical connections.

D5S-6 List $15.95 **$13.95**

Caig DeoxIT Fader Lube

DeoxIT FaderLube spray contains a precision lubricant designed for use on conductive plastic and carbon compound controls. It is also ideal for use on conductive membrane switches and components.

F5S-H6 List $15.95 **$13.99**